

# OIPE ROUTING SHEET

## APPLICATION

IFW DocCode - SEQREQ

Index using Current Date

**10/523,306**

**TO BE DELIVERED TO:**  
**Tech Center Scanning**

### Sequence Rule Compliance Review Item

<b>X</b>	<b>CRF, paper copy of sequence listing, and statement that both are same missing</b>
	CRF contains error(s) according to STIC Report
	CRF damaged or unreadable according to STIC Report
	CRF transferred from prior application is not compliant

**Place an "X" in the appropriate box**



Cecilia J. Tsang  
Supervisory Patent Examiner  
Technology Center 1600

**Comment Sheet**

**APPLICATION SERIAL NUMBER**

**10/523,306**

**DOES NOT COMPLY WITH THE  
SEQUENCE RULES. See reasons below.**

**CRF non-compliant because:**

**The CRF or the raw sequence as submitted on diskette and printed version have errors, for example identifying SEQ ID NO: 22 as being a DNA sequence when in fact a peptide sequence is disclosed. Other errors include missing <220> and <223> features and associated headings.**

**STIC Biotechnology Systems Branch**

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

*Sand back*  
*OTPE*

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/523,306  
Source: IFWP  
Date Processed by STIC: 6/5/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,306

DATE: 06/05/2006

TIME: 08:47:55

Input Set : A:\LUD5739PCT-SEQ.txt

Output Set: N:\CRF4\06052006\J523306.raw

3 <110> APPLICANT: VALMORI, DANILA  
 4 AYYOUB, MAHA  
 5 PINILLA, CLEMENCIA  
 7 <120> TITLE OF INVENTION: ISOLATED, SSX-2 AND SSX-2 RELATED PEPTIDES USEFUL AS HLA  
 BINDERS  
 8 AND CTL EPITOPES, AND USES THEREOF  
 10 <130> FILE REFERENCE: LUD 5739 PCT  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/523,306  
 C--> 13 <141> CURRENT FILING DATE: 2005-09-28  
 15 <150> PRIOR APPLICATION NUMBER: 60/400,076  
 16 <151> PRIOR FILING DATE: 2002-07-31  
 18 <160> NUMBER OF SEQ ID NOS: 116  
 20 <170> SOFTWARE: PATENTIN VERSION 3.2

## ERRORED SEQUENCES

272 <210> SEQ ID NO: 22  
 273 <211> LENGTH: 9  
 274 <212> TYPE: DNA  
 275 <213> ORGANISM: ARTIFICIAL SEQUENCE  
 W--> 276 <220> FEATURE:  
 W--> 277 <223> OTHER INFORMATION:  
 W--> 277 <400> SEQUENCE: 22  
 279 LYS ALA SER GLU LYS ILE ALA TYR VAL  
 OK 280 1 5

This is not

a DNA sequence

Does Not Comply  
Corrected Diskette Needed

see P.2 for error explanation

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/523,306

DATE: 06/05/2006  
TIME: 08:47:56

Input Set : A:\LUD5739PCT-SEQ.txt  
Output Set : N:\CRF4\06052006\J523306.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82

Seq#:83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104

Seq#:105,106,107,108,109,110,111,112,113,114,115,116

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:22

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/523,306

DATE: 06/05/2006

TIME: 08:47:56

Input Set : A:\LUD5739PCT-SEQ.txt

Output Set: N:\CRF4\06052006\J523306.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:33; Xaa Pos. 10

10/523,306

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SEQUENCE LISTING

<110> VALMORI, DANILA  
AYYOUB, MAHA  
PINILLA, CLEMENCIA

<120> ISOLATED, SSX-2 AND SSX-2 RELATED PEPTIDES USEFUL AS HLA BINDERS  
AND CTL EPITOPES, AND USES THEREOF

<130> LUD 5739 PCT

PCT/US2003/023306  
2003-07-23

replace  
with  
↓

<1507  
<1517

<140>  
<141>

These are prior application data

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/523,306

DATE: 06/05/2006

TIME: 08:47:56

Input Set : A:\LUD5739PCT-SEQ.txt

Output Set: N:\CRF4\06052006\J523306.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number  
 L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:26 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:28 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:38 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:40 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:50 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:52 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:62 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:64 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:74 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:76 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:86 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:88 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:98 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:100 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:110 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:112 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:122 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:124 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:134 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:136 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:146 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:148 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:158 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:160 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:170 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:172 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:182 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:184 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:194 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:196 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:206 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:216 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:218 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:228 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:230 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:240 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:242 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:252 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:254 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:264 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:266 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:276 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:277 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:22, <213>  
 ORGANISM:ARTIFICIAL SEQUENCE  
 L:277 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:277 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:22,Line#:277  
 L:280 M:301 E: (44) No Sequence Data was Shown, SEQ ID:22

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/523,306

DATE: 06/05/2006

TIME: 08:47:56

Input Set : A:\LUD5739PCT-SEQ.txt

Output Set: N:\CRF4\06052006\J523306.raw

L:280 M:252 E: No. of Seq. differs, <211> LENGTH:Input:9 Found:0 SEQ:22  
L:287 M:283 W: Missing Blank Line separator, <220> field identifier  
L:289 M:283 W: Missing Blank Line separator, <400> field identifier  
L:299 M:283 W: Missing Blank Line separator, <220> field identifier  
L:301 M:283 W: Missing Blank Line separator, <400> field identifier  
L:311 M:283 W: Missing Blank Line separator, <400> field identifier  
L:321 M:283 W: Missing Blank Line separator, <400> field identifier  
L:331 M:283 W: Missing Blank Line separator, <400> field identifier  
L:395 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:33  
L:395 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:33  
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0